

# SCENE CHANGE IDENTIFICATION DURING ENCODING OF COMPRESSED VIDEO

## Abstract of the Disclosure

[0047] A video encoder identifies scene changes during the encoding of video sequences based on the distribution of macroblock types within each image. Once an image is identified as a scene change, control information is sent to a quantizer to adjust the quantization of the image to improve image quality. The image quantization is improved without changing the frame or picture type of the image within its group of pictures. To improve the image quality, the quantizer can directly or indirectly change the quantization parameter used to quantize the DCT coefficients for the image.